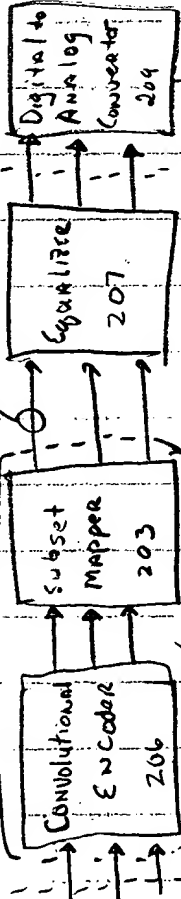


Figure 1
Prior Art.

Transmitter 200

Multilevel Symbol 205

Data 202



Trellis Encoder 201

Laser 211

Channel 213

Optical to Electrical Converter 215

Trellis Decoder 219

Analog to Digital Converter 217

PCS 221

Receiver 223

Fig 2

Transmitter

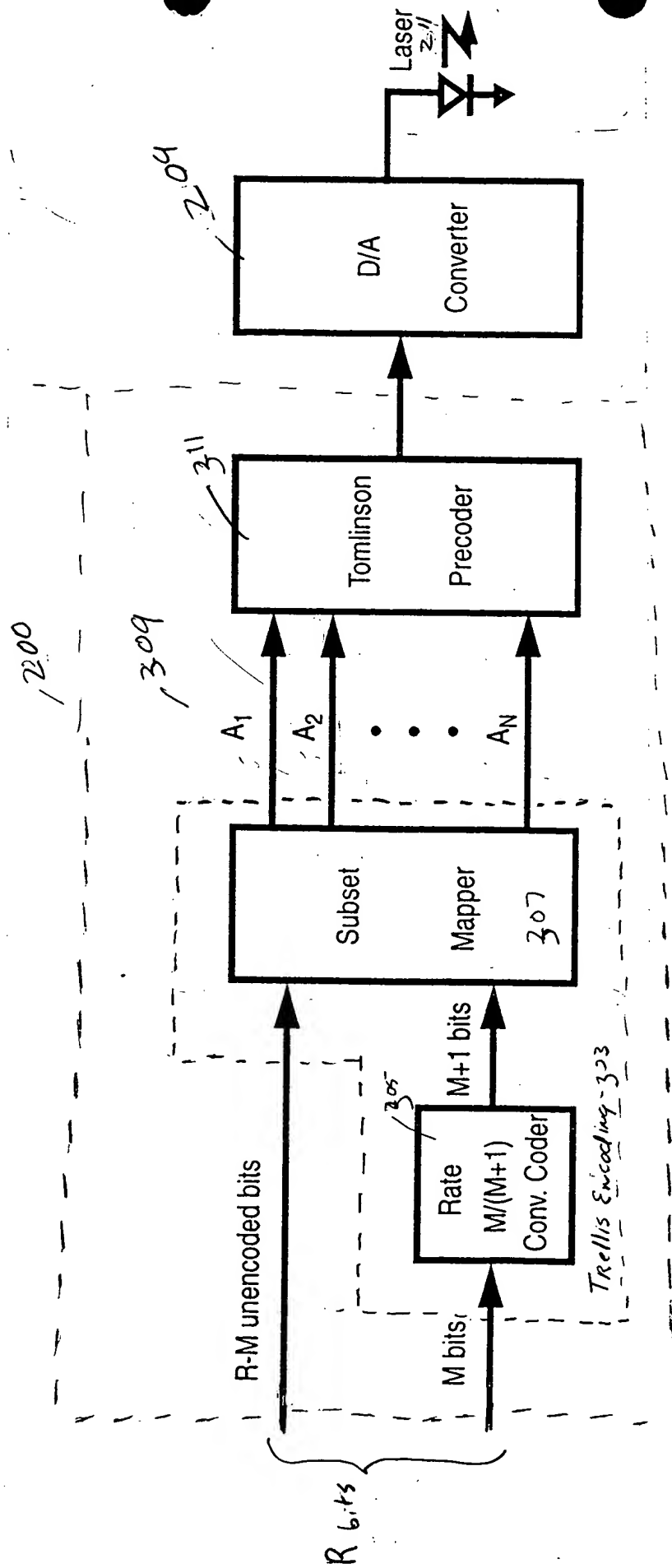


Figure 3

Tomlinson-Harashima Precoding (THP)

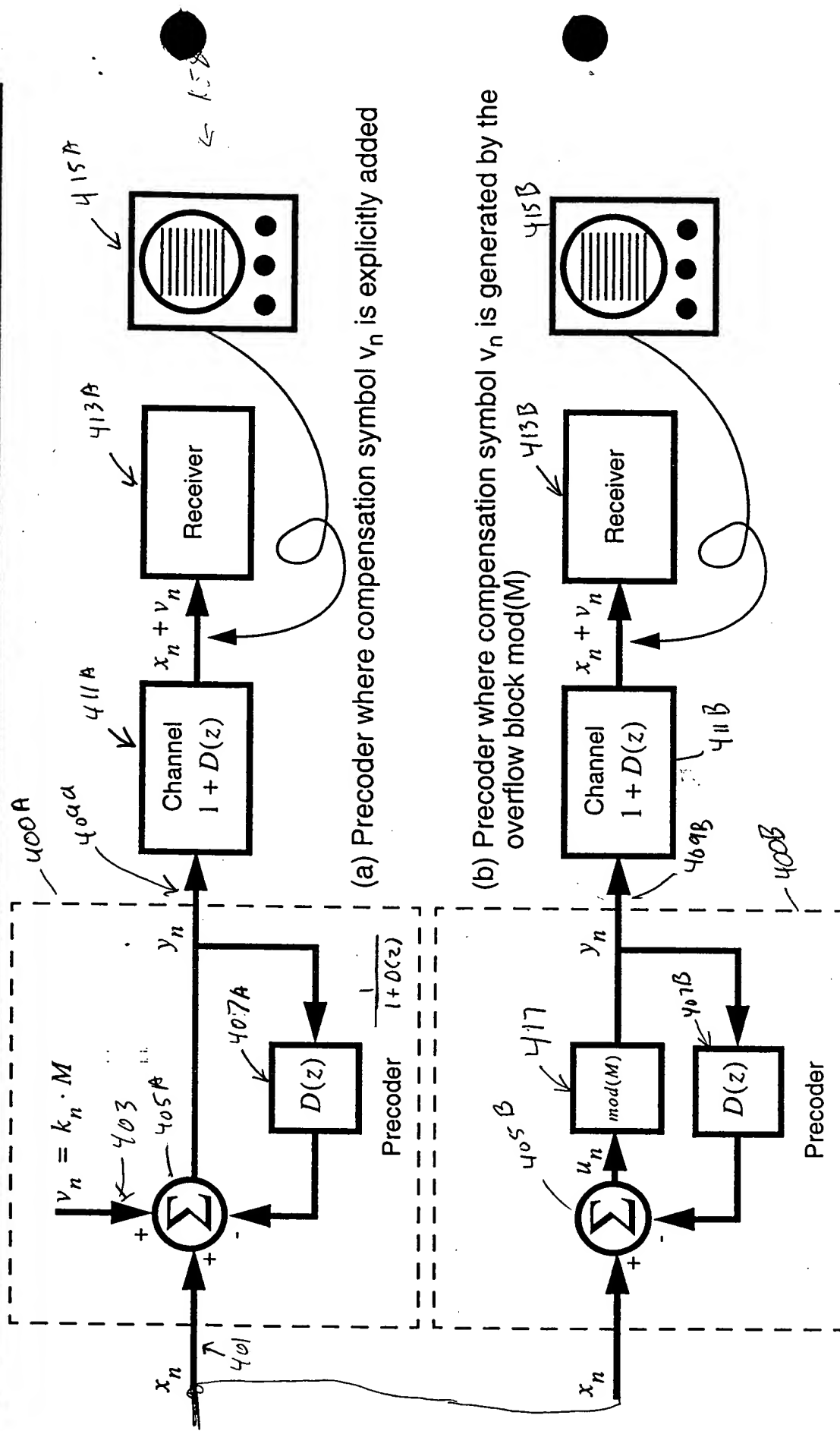
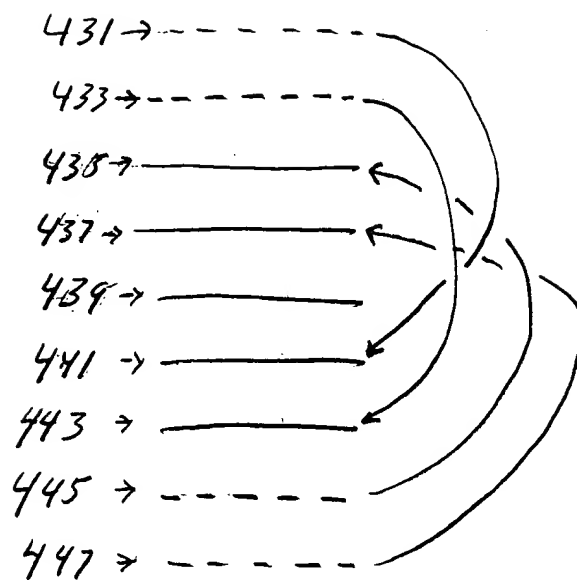


Figure 4

CONFIDENTIAL



2106

Fig 4a.

Receiver

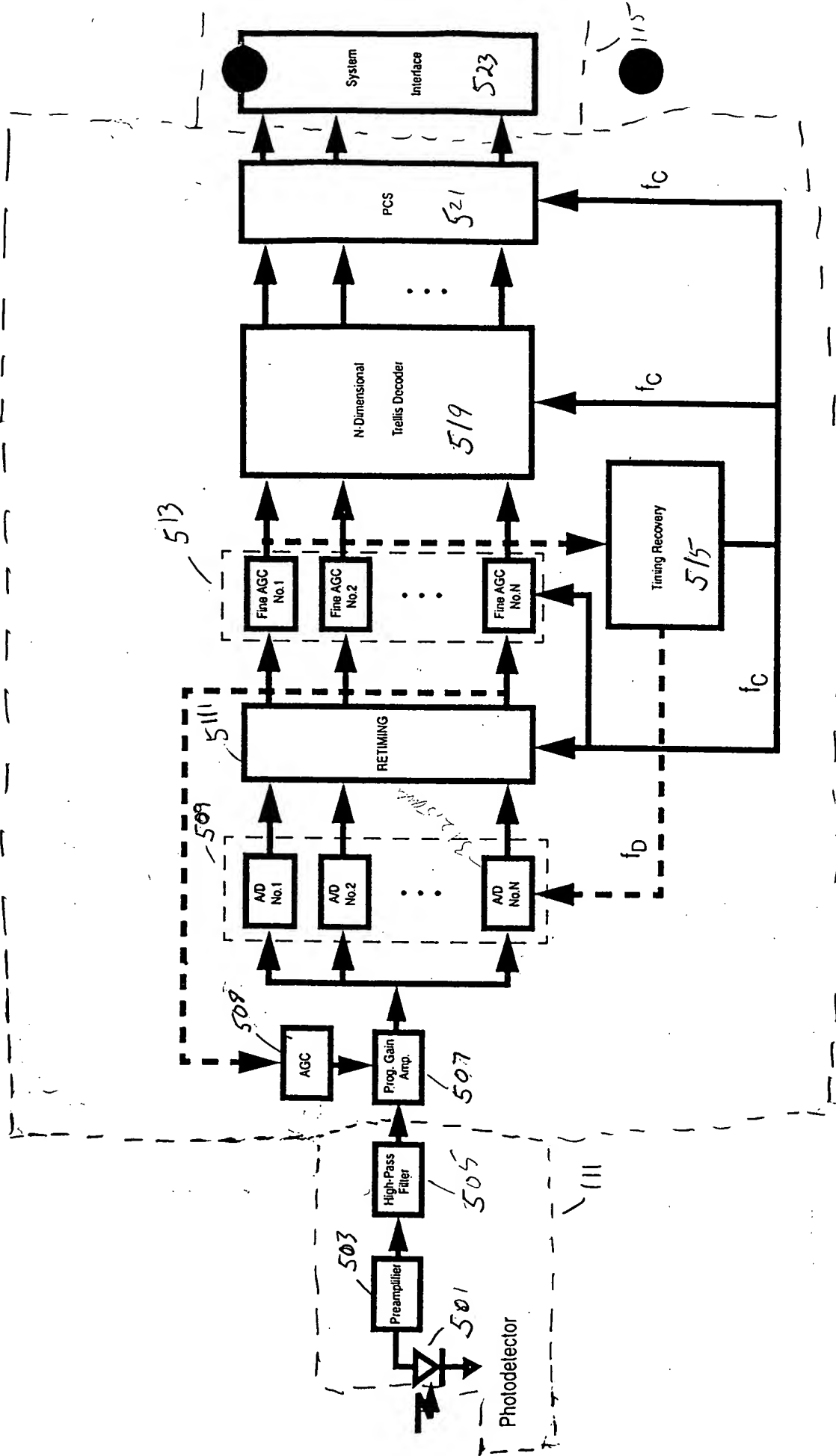


Figure 5

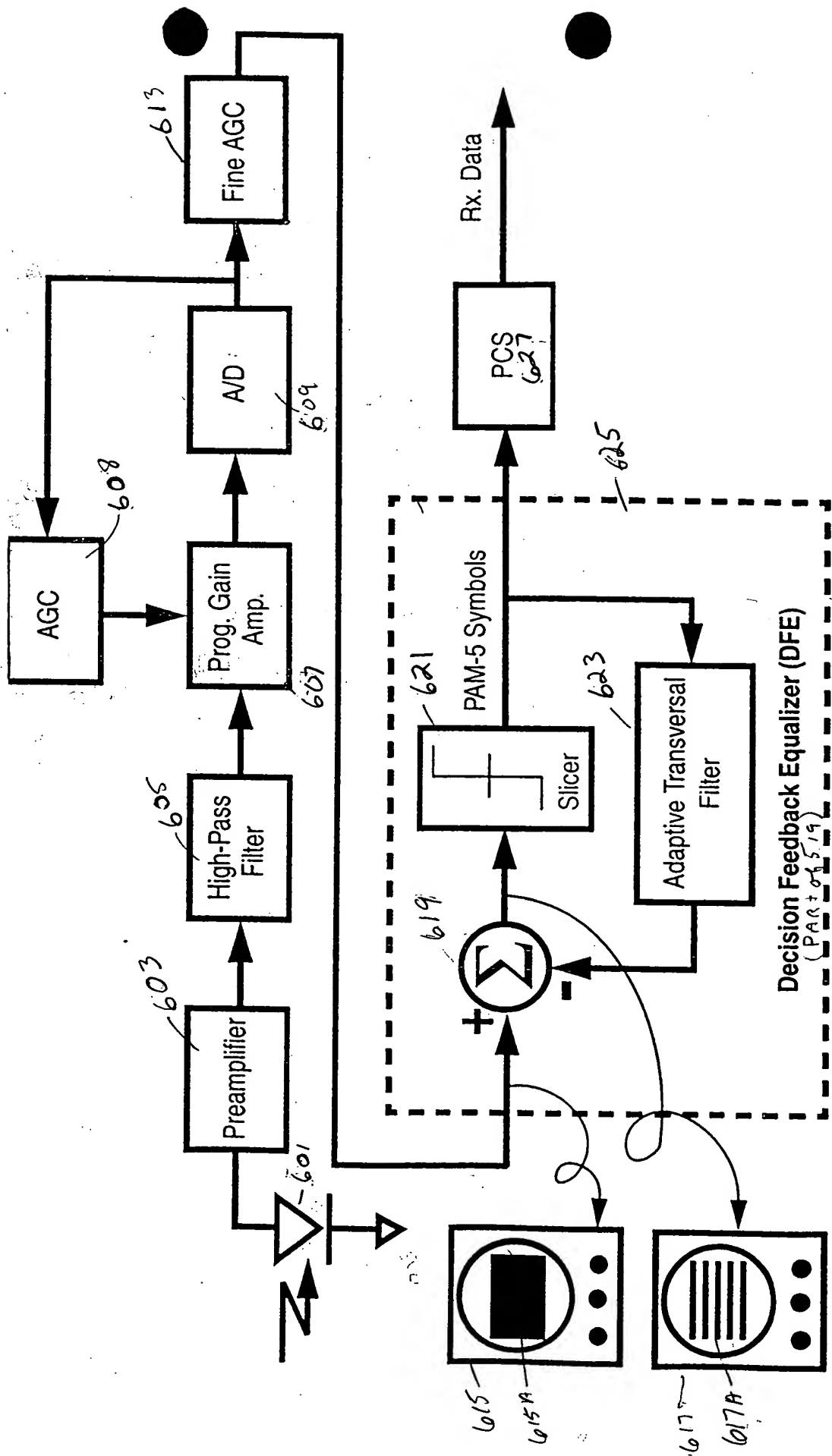


Figure 6

FOR T.O. 4103260

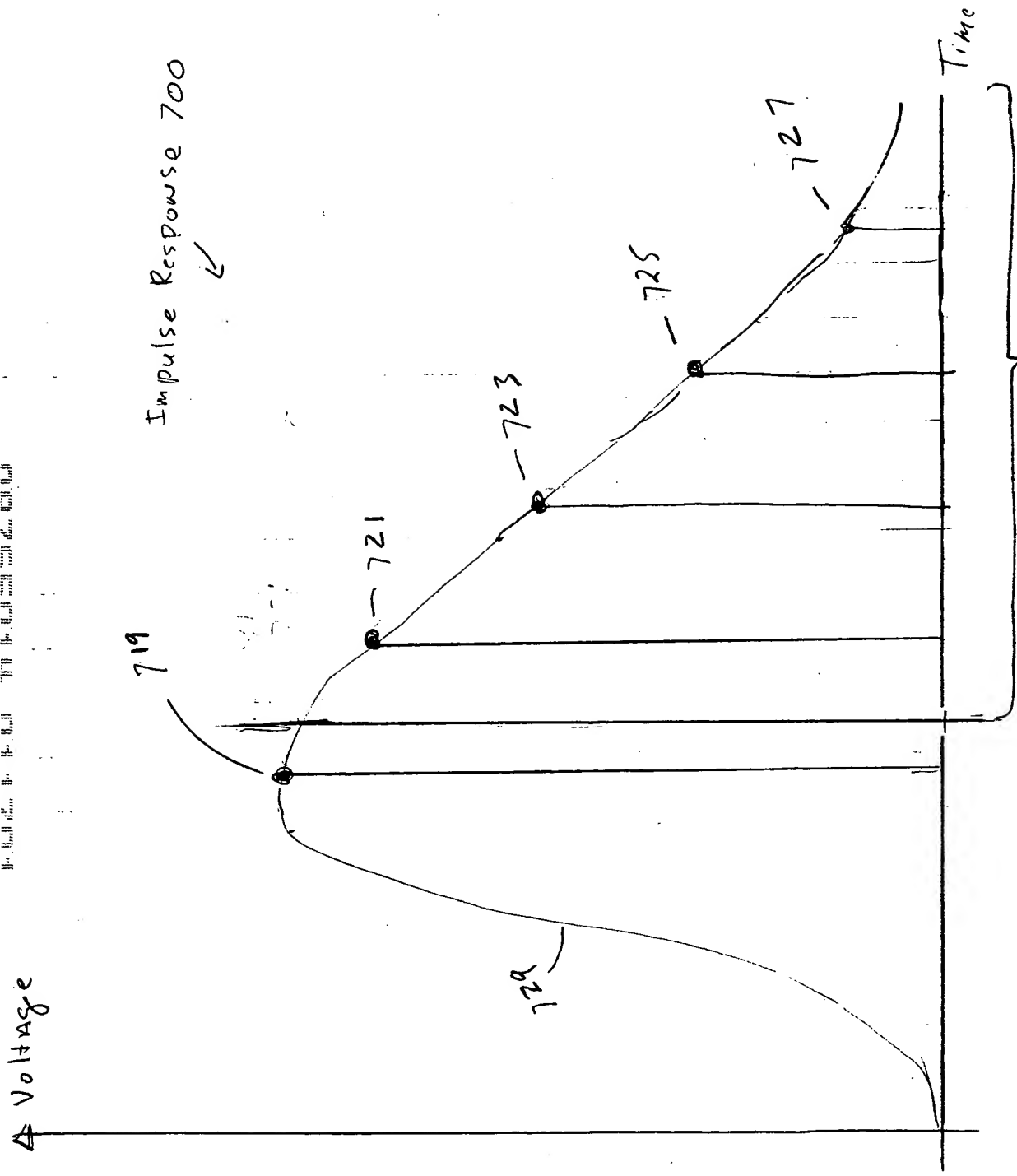


Figure 7

Channel Model

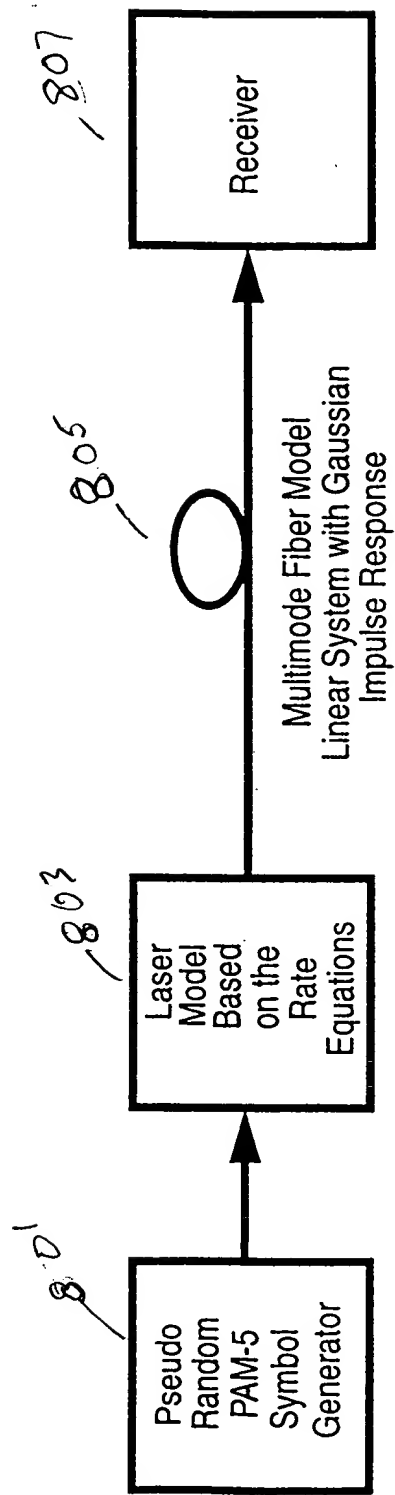


Figure 8

TOP SECRET

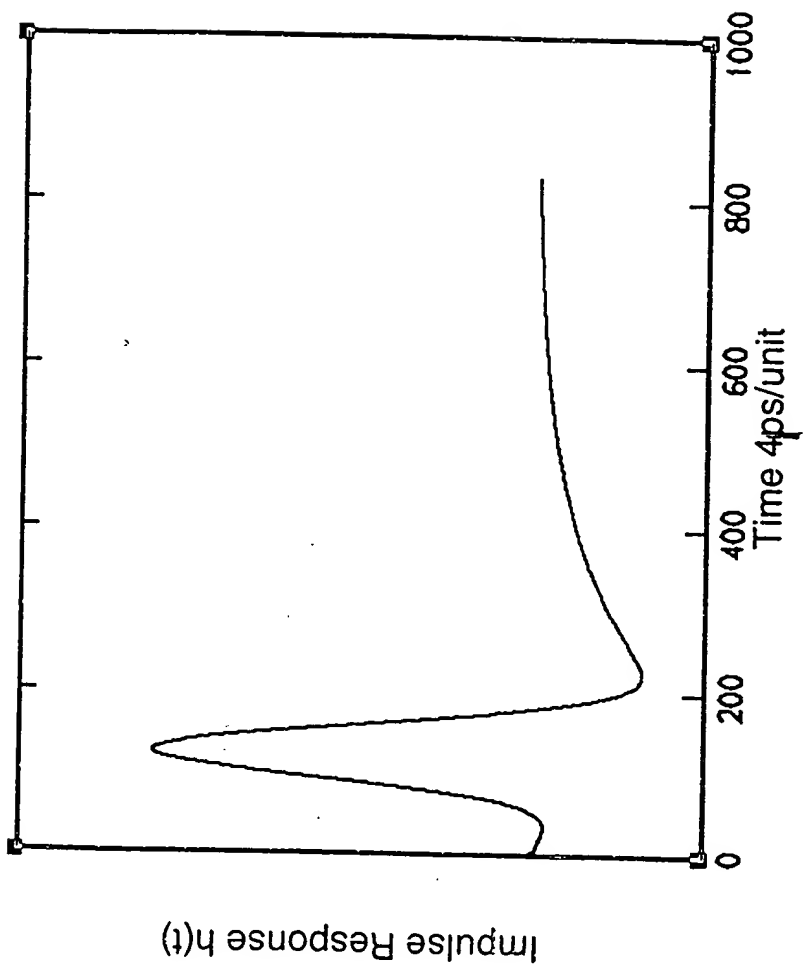
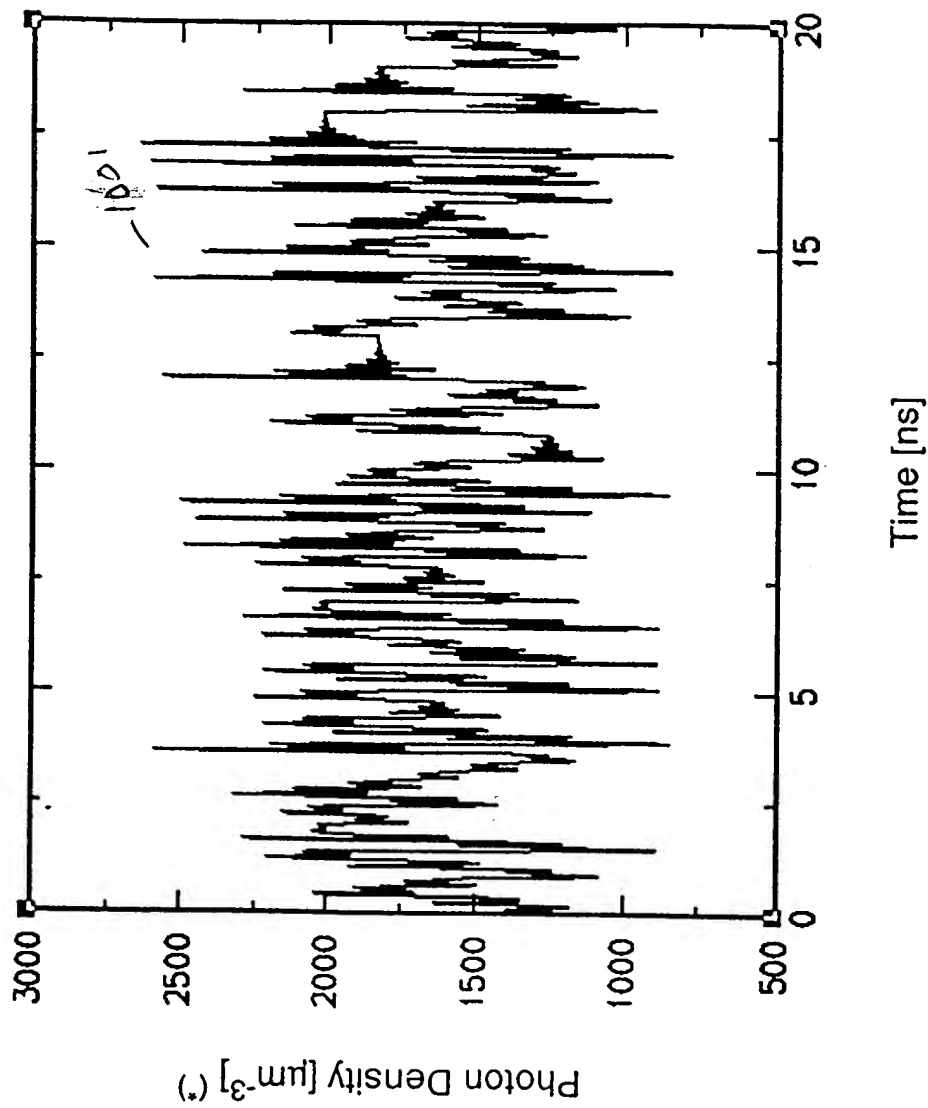


Figure 9



(*) Consistent with a bias current of 60mA

Figure 40

10.000000000000000

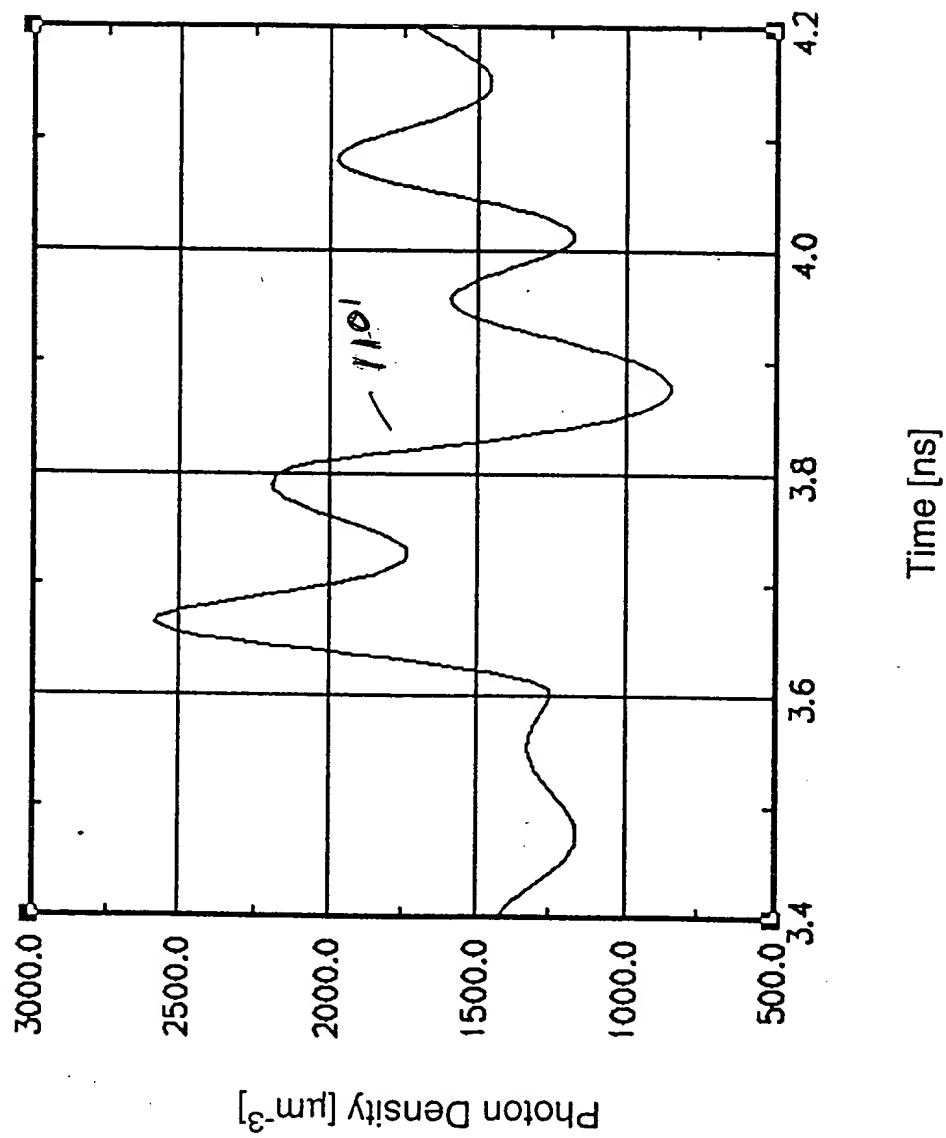


Figure 11

1843

TOP OF FIGURE 12

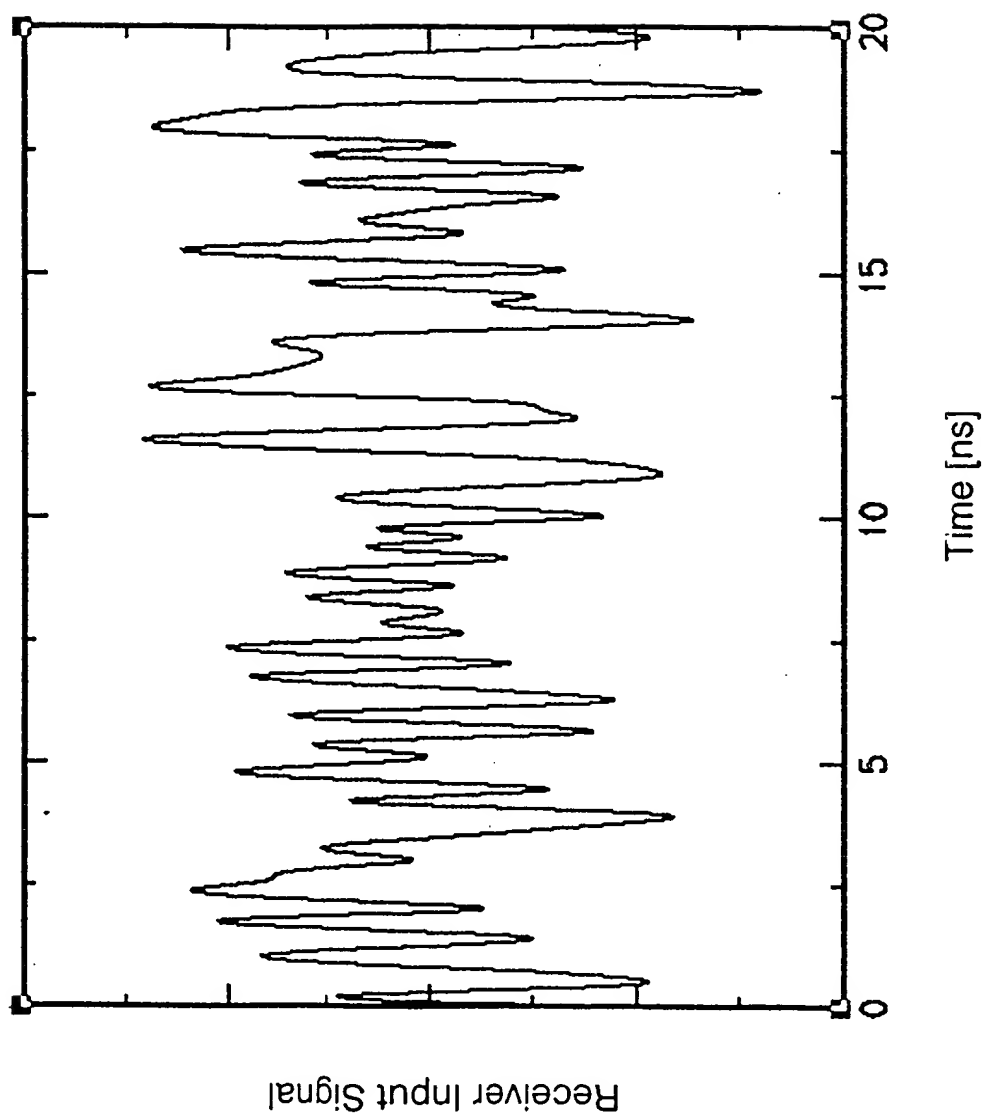


Figure 12

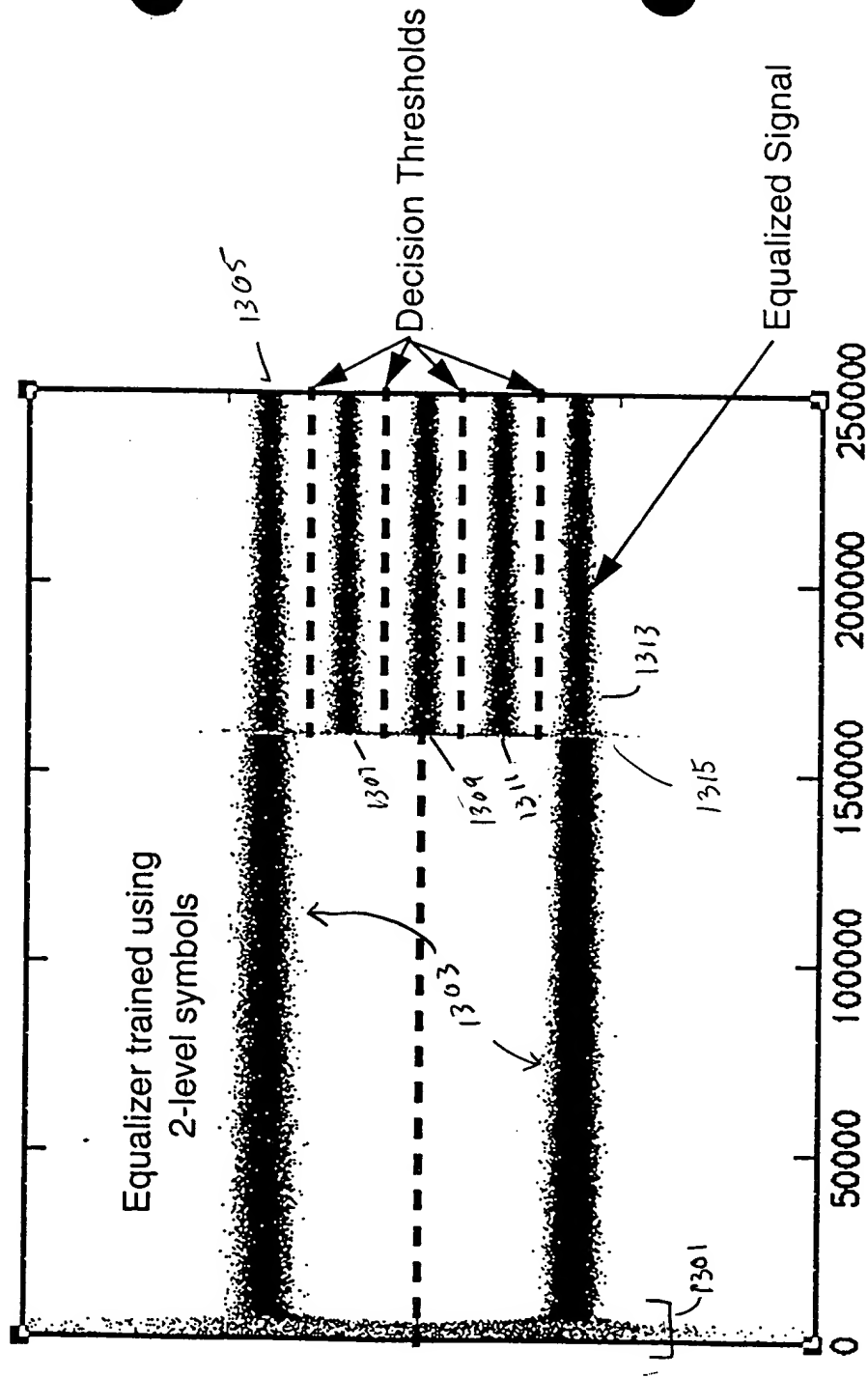


Figure 13

TELETYPE 44605403

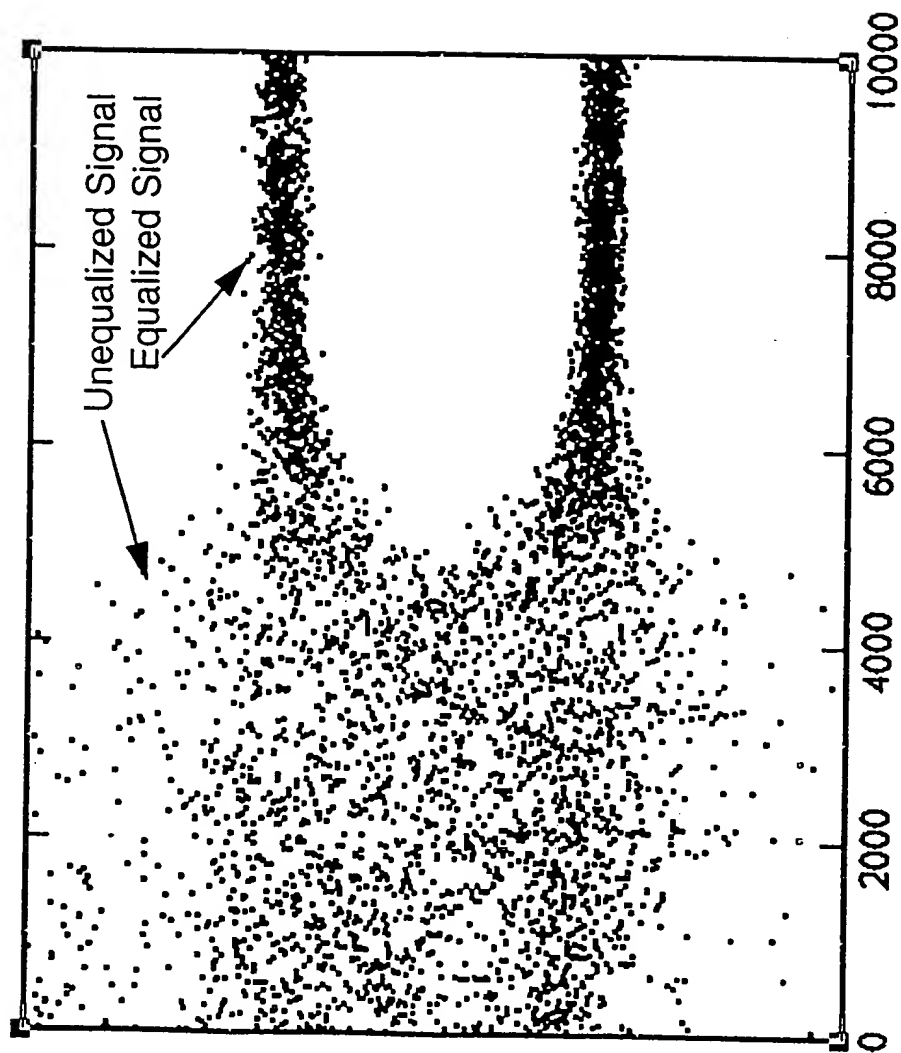


Figure 14